

Abstract:

Disclosed is a cold-rolled strip, at least one face of which is provided with an electrolytically applied coating, preferably to be used for producing battery shells by means of deep drawing and/or ironing. The electrolytically applied coating comprises two layers, i.e. a hard and brittle bright nickel layer and a cobalt-containing layer that is applied thereupon. The aim of the invention is to be able to produce such a cold-rolled strip in a more economic manner while a battery shell produced by reshaping said cold-rolled strip is to have good contact resistance to the electrolyte and good storage stability. Said aim is achieved by using a matte cobalt layer which is removed from an electrolyte bath without adding brighteners, or a matte cobalt alloy layer as the cobalt-containing layer. Also disclosed are a method for electrolytically coating a cold-rolled strip and a battery shell which is produced from such a cold-rolled strip by means of a reshaping process.